

IN THE CLAIMS

Claims 1-14. (cancelled)

Claim 15. (currently amended) An electrolyte for an electrokinetic pump, comprising: a fluid having a chemical compound dissolved therein, wherein the chemical compound is ~~a zwitterion that is~~ substantially charge neutral and has a dipole moment, and wherein the chemical compound produces a positive dielectric increment in said electrolyte.

Claim 16. (original) The electrolyte of claim 15, wherein the chemical compound has a dipole moment of at least about 10 D.

Claim 17. (currently amended) The electrolyte of claim 15, wherein the chemical compound is a zwitterion ~~contains one or more positive charges from the group including primary amine, secondary amine, tertiary amine, or quaternary amine and one or more negative charges from the group including~~ comprising an amine sulfonate, phosphate, carbonate, or carboxylate.

Claim 18. (original) The electrolyte of claim 15, wherein the zwitterion is a trialkyl ammonium alkane sulfonate, an alkyl imidazole alkane sulfonate, or an alkyl pyridine alkane sulfonate.

Claim 19. (original) The electrolyte of claim 18, wherein the zwitterion is trimethyl ammonium propane sulfonate.

Claim 20. (original) The electrolyte of claim 15, wherein the fluid is an aqueous mixture.

Claim 21. (new) The method of claim 17, wherein the amine is a primary, a secondary, a tertiary or a quaternary amine.